

SCOPE OF WORK
BOC CJC-Annex /CCTV Surveillance Installation Project

General Scope of Work: CCTV equipment to replace all existing equipment and wiring at 2 correctional facilities on St. Thomas, U.S. Virgin Islands. Manufacturer documentation and warranty along with proper labeling and schematics is to be provided on all equipment. Quote must include cost for installation, training and a minimum of 2 years warranty and service.

Locations: Bureau of Corrections – Annex: 104 Subbase, St. Thomas, USVI 00802
CJC (Criminal Justice Complex) 3rd Floor, St. Thomas, USVI 00802

A site visit/walk through can be scheduled the MIS Director, Debra Graulich. Please call the BOC administrative office for an appointment. A walk through is not required to bid on this project but is certainly recommended.

Detailed Scope of work for CJC location:

An IP based DVR with capacity to record no less than 90 days of data is to be installed at a location to be determined at the CJC. 2 Flat panel monitors of no less than 42" must be installed for camera monitoring. The DVR/NVR is to be network capable both locally and remotely. Five 24" or better flat panel monitors for clusters controls, 1 12" flat panel for elevator viewing. 105 IP 1080p security cameras combining both indoor/outdoor and pan and tilt. A minimum of 3 months recording capability is required. A 24 TB hard drive is recommended.

CJC old system wire and conduit:

Contractor will remove and properly dispose of all old and unused wiring along with existing conduit. Conduit can be re-used if deemed acceptable or replaced where needed. Approximate length of items to be removed is unknown.

CJC Cameras:

All existing cameras need to be replaced with new color IP 1080p, tamperproof, night vision cameras, or better 8 Exterior, weather-resistant cameras are to be placed on the outside perimeter of the building, four (4) units are to be pan and tilt, and these are part of the 105 total count. At least 10 locations will be requiring audio.

CJC: DVR/NVR

1 IP Based, with a 24 TB hard drive or better, internet connection, DVR/USB/ remote location backup capabilities. A minimum of 3 months recording capability is required, is to be installed a location to be determined, a 24TB or larger hard drive is recommended DVR/NVR is to be network capable both locally and remotely. Motion sensor will be implemented at night for ultimate disk usage.

105 color, tamperproof, IP 1080p, night vision dome cameras or better, 10 to include audio.

Cameras are to replace current non-functioning or outdated coax equipment; additional cameras are to supplement existing areas for greater visibility and coverage

8 weather-resistant color exterior cameras, 4 pan and tilt. (Included in 10 count).

Two PTZ cameras are to replace existing cameras and 2 are new supplemental locations.

2- 42" monitors for Main Control.

5 - 24" (+) monitors for cluster controls.

1 – 12" monitor for elevator entrance.

Cat 6 Cabling, connectors and power supplies for all above equipment UPS battery backup for both the cameras and DVR/NVR

Detailed Scope of Work for the Annex location:

Contractor will remove and properly dispose of all old and unused wiring along with existing conduit. Conduit can be re-used if deemed acceptable or replaced where needed. Approximate length of items to be removed is unknown.

Annex Cameras:

All existing cameras need to be replaced with 90 new color IP, tamperproof, night vision cameras, 6 Exterior, weather-resistant cameras are to be placed on the outside perimeter of the building, three (3) units are to be pan and tilt, and these are part of the 90 total count. At least 10 locations will be requiring audio.

Annex DVR/NVR:

An IP based DVR/NVR with capacity to record no less than 90 days of data is to be installed a location to be determined at the annex. A Flat panel monitor of no less than 42" is to be installed for camera monitoring. The DVR/NVR is to be network capable both locally and remotely. A minimum of 3 months recording capability is required. A 24 TB or larger hard drive is recommended. Motion sensor will be implemented at night for ultimate disk usage.

The Annex currently has 20 cameras installed but only 15 functioning. An assessment of existing equipment and cabling needs to be completed and appropriate replacement action needs to be made. IP based DVR with 12 TB hard drive, Internet connection, DVD/USB/remote backup capabilities to replace existing unit with limited capabilities. A minimum of 3 months recording capability is required. Motion sensor will be implemented to conserve on disk space.

90 color, tamperproof, color, night vision 1080p or better dome cameras to replace existing non-functional equipment and expand visibility in facility.

10 of the cameras are to be weather-resistant color exterior cameras, 4 pan and tilt. To expand exterior visibility, included in the 90 count. PTZ controls to be located and operated in Main Control Booth.

1 -42" monitor for main control.

4 – 19" monitors for control booths.

Cat 6 cabling run and termination to all 4 control booths in the units for Computer installation.

Cat 6 Cabling, connectors and power supplies for all above equipment.

Back up power for the cameras and DVR.